

US EPA ARCHIVE DOCUMENT

KEB

Shaughnessy No.: 122804

Date Out of EAB: JUN - 5 1987

To: G. LaRocca
Product Manager 15
Registration Division (TS-767)

From: Therese M. Dougherty, Chief
Review Section #1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Therese M. Dougherty

Attached, please find the EAB review of...

Reg./File # : 50658-EUP-1

Chemical Name: Avermectin

Type Product : Insecticide

Product Name : _____

Company Name : Merck

Purpose : EUP for use on cotton

Date Received: 11/13/86

Action Code(s): 711

Date Completed: 6/4/87

EAB #(s) : 70080

days: 0.5

Deferrals to: _____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

Monitoring study requested by EAB: ☐

Monitoring study voluntarily conducted by registrant: ☐

/

- 1.a CHEMICAL:
Avermectin B_{1a}, Abamectin.
See chemical structure in earlier EAB review of 9/05/85 and previous reviews.
The active ingredient is composed of not less than 80% avermectin B_{1a} and not more than 20% avermectin B_{1b}.
- 1.b Physical Properties:
See earlier reports.
2. TEST MATERIAL: Not Applicable
3. STUDY/ACTION TYPE:
Revised EUP to include aerial spray.
4. STUDY IDENTIFICATION: N/A
5. REVIEWED BY:
Akiva D. Abramovitch, Ph.D.
Chemist
Environmental Chemistry Review Section 1/EAB/HED/OPP
Akiva Abramovitch
Date **JUN 3 1987**
6. APPROVED BY:
Therese M. Dougherty, Chief
Supervisory Chemist
Environmental Chemistry Review Section 1/EAB/HED/OPP
Therese M. Dougherty for: 6/5/87
Date:
7. CONCLUSIONS: EAB concurs with the revised EUP program to include aerial spray provided changes are introduced to the Precautionary Statement on page 2 to accomodate aerial spray as indicated in the recommendations below.
8. RECOMMENDATIONS:
Under "Hazards to Humans and Domestic Animals" begining with line 5.
"During ground and aerial sparying..... A clean pair of gloves should be carried in the cockpit for exiting and repairs.
9. BACKGROUND:
A. Introduction: See EAB review of Jan. 2, 1986.
B. Directions for Use: Please see attached copy of the proposed EUP.
The revised experimental program still calls for 40 lb a.i./3260 acres (0.025/acre).
10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES: N/A
11. COMPLETION OF ONE LINER: Not completed.
12. CBI APPENDIX: None.